

easypix[®]

S318 Manual

1. Get to know your camera

1.1 Features

3.1 Mega pixels resolution sensor
Video clips
Audio record
Web camera
Built-in Microphone Voice recorder
Built-in flash Light
TV output with audio
1.5" TFT real color display
Internal 16MB flash memory and SD card support
Driver free for Windows 2000/XP/Vista and MAC 9.x and X.x
Macro mode

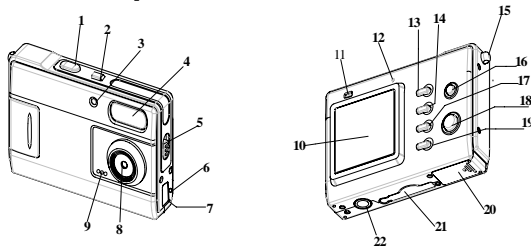
1.2 Specifications

Sensor	3.0 Mega pixel CMOS sensor
Image resolution	12.0 Mega pixels: (4032x3024) (Hardware Interpolation)
	8.0 Mega pixels: (3264x2448) (Hardware Interpolation)
	5.0 Mega pixels: (2560x1920) (Hardware Interpolation)
	3.1 Mega pixels: (2048x1536)
	1.3 Mega pixels: (1280x960)
	300K pixels: (640x480)
Lens	F/2.8 f=8.5mm
Focus range	0.5m. ~ Infinity
Macro mode	11cm – 18cm
Digital zoom	8x
Flash strobe	Built-in (Auto/force/off)
LCD display	1.5" real color LTPS TFT
White balance	Auto/Daylight/cloudy/Tungsten/Fluorescent
Video mode	30fps@QVGA &20fps@VGA
Built-in memory	16MB Flash memory
Picture Capacity in 16M memory (The quantity of pictures varies and depends on the complexity of the scene)	VGA: (640x480) --138 Pictures
	1.3M: (1280x960) -- 54Pictures
	3.1M: (2048x1536) -- 28 Pictures
	5.0M: (2560 x 1920) -- 21 Pictures
	8.0M: (3264x2448) -- 14 Pictures
	12M: (4032x3024) --3 Pictures
External memory card	SD card supports up to 2GB
File format	Picture: JPEG, Video: AVI, Voice: WAV
Self timer	2/10/10+2 seconds
PC interface	USB 1.1
TV-out	NTSC/PAL
Power source	2xAAA alkaline batteries.(Rechargeable battery is not recommended)

1.3 System requirement

Operating System	Windows 2000/XP/Vista Mac 9.x or X.x
CPU	Pentium II or above
RAM	At least 64MB
Interface	USB port
CD	4x speed CD ROM or above

2. Functional parts:



1	Shutter / OK button	Press this button to take photographs or to start/stop recording a short video clip. This button can be also used to confirm changes.
2	Power on/off button	The camera is turned on by pressing it; press it again to turn off.

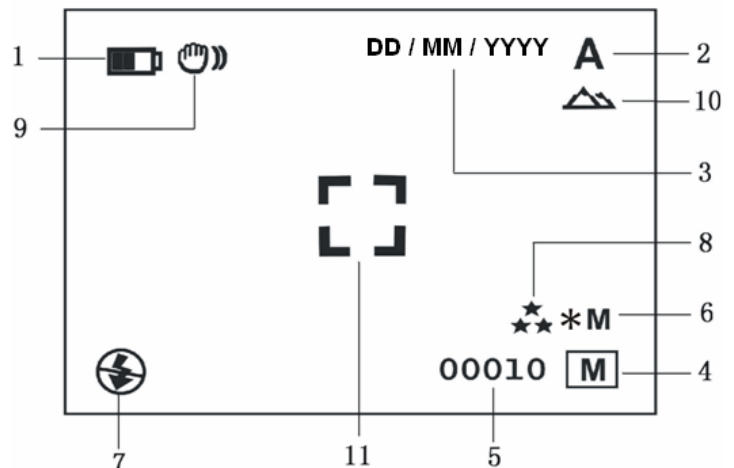
3	Self-timer indicator	Flashes when the self-timer function is used.
4	Flash light	Use the built-in flash to give the subject extra lighting if it is in dark surroundings (the best flash distance is recommended within 1.5 m.).
5	Macro mode Switch	Macro mode: To take close-up photographs (distance 11cm- 18cm). Normal mode: To take photographs of the surroundings or people (distance of approximately 0.5M - infinity).
6	AV port	For television connection.
7	USB interface	Connect the camera to the computer. Via this connection, you can save photographs and video clips on a computer or use the camera as a web cam to chat on the Internet.
8	Lens	Records the image to be taken. Note: Keep the lens clean. Dirt and fingerprints affect the outcome of the picture.
9	Buzzer	Buzzer
10	LCD screen	On the (TFT) LCD screen, you can do the following: view the image to be photographed (Preview), view photographs and video clips, view camera setting, and set the camera.
11	Macro LED	When the indicator is lit, the camera is in Macro mode.
12	MIC	For record voice.
13	UP	UP & Digital zoom in
14	Down	Down & Digital zoom out
15	Strap hook	Hook for attaching the wrist strap to the camera.
16	Menu	For the camera setting.
17	Left / flash light	For menu left selection and flash light setting.
18	Playback/Mode	Press it to playback mode, Press it and hold 2 seconds to different mode selection.
19	Right /display	For menu right selection and LCD display on / off.
20	Battery door	2xAAA alkaline batteries
21	SD card slot	SD card slot.
22	Tripod connector	For fix up the camera on tripod.

3. See following details to setting your digital camera.

SET	Capture	Size	12M pixel resolution 8.0M pixel resolution 5.0M pixel resolution 3.1M pixel resolution(Default) 1.3M pixel resolution VGA resolution	4032 x 3024 3264 x 2448 2560 x 1920 2048 x 1536 1280 x 960 640 x 480
		Quality	Fine(Default)/Standard/Economy	Picture quality set
		Scene mode	Auto(Default)/Sport/Night/Portrait/Landscape/Backlight	Scene set
		Exposure value	+/-2, +/-5/3, +/-4/3, +/-2/3, +/-1/3 +/-1, 0(Default)	Level of exposure
		White balance	Auto (Default)	Automatic white balance
			Daylight	White balance selected for daylight surrounding
			Cloudy	White balance selected for cloudy surrounding
			Tungsten	White balance selected for tungsten lighting
			Fluorescent	White balance selected for fluorescent surrounding
		ISO	Auto(Default)/100/200	Sensitivity select
	Setup	Color	Standard (Default) / Vivid / Sepia / Monochrome	Color setting
		Saturation	Normal(Default) / High / Low	Saturation setting
		Sharpness	Normal(Default) / Hard / Soft	Sharpness setting
		Self timer	2s	Set the delay time at 2s to take a picture
			10s	Set the delay time at 10s to take a picture
			10+2s	Set the delay time at 10s to take a picture, and then every 2s to take pictures automatically.
		Date Input	Off(Default)/Set	DD,MM,YYYY
		Time Stamp	Off(Default)/Date Only/Date & Time	Show the date and / or time on the pictures
		Continuous shoot	Continuous shoot	Can continuously shoot up to 3 pictures within 10 seconds.
		Format	Execute/cancel	Format the memory card.
	Setup	Language	English(Default)/T-Chinese/ S-Chinese/French/German/ Italian/Spanish/Portuguese	Select display language
		Auto power off	1/3/5 min and Off	Auto power off in1min, 3min(default) or 5 min if no operation
		Sys. Reset	Execute/cancel	Restore default setting
		Light-Frequency (Flicker)	50Hz 60Hz	Main European electricity frequency Main American electricity frequency
		TV- Out	NTSC PAL	American and Japanese video format European video format.
		USB	PC Cam	Work as a web camera.
			Disk Drive	Act as a portable disk.

Note: The settings will not change when the camera is turned off

4. Explanation of the status icons



Item	Function	Description
1	Battery indicator	The batteries are full. The batteries are empty.
2	Recording mode	A Setting for photographs taking Setting for videos capture
3	Date stamp	Displays the date day/month/year
4	Memory or SD card indicator	Pictures stored in built-in memory Pictures stored in SD card
5	Photo / Video counter	Photo mode :No. of balance picture can be taken; Video mode: Balance of recording time in second; Playback mode: The No. of pictures or video clips
6	Selected	12M= 4032x3024; 8M= 3264x2448; 5M=2560x1920; 3.1M = 2048x1536; 1.3M=1280x960; VGA=640x480;
7	Flash indicator	: Force flash. Auto Flash: The camera determines if the flash must be used or not. No Flash: The flash is turned off.
8	Picture quality	The quality is fine(Default). The quality is standard. The quality is economy.
9	Brightness Alert	Alert user to hold the camera steadily.
10	Normal / Macro mode indicator	Normal mode (0.5m – infinity) Macro mode (11cm –18cm)
11	View center	

5. Using the camera

5.1 Installing the batteries

- Open the battery door.
- Insert 2 AAA alkaline batteries into the camera.
- Turn on the camera.
Press the POWER button to turn it on (press it again to turn off).

5.2 Inserting a memory card (not included)

This camera has built-in internal memory. This memory can be extended with a SD memory card (not included).

Follow the instructions given below to insert the optional SD memory card into the camera.

1. Turn off the camera first.
2. Insert the SD card into the slot.

Note: *There is only one way to insert the SD memory card into the slot. Do not force the card into the slot. This may damage both the camera and the SD memory card.*

Note: *The SD memory card must be formatted before taking photographs. See the following sections for more information.*

5.3 Formatting the memory

If you use a SD card, it must first be formatted before you can take photographs. Follow the instructions given below to do this.

1. Press Menu button
2. Select Setup setting by right key.
3. Press shutter to confirm and select by up or down key.
4. Press shutter to format the card or memory.

5.4 Setting the resolution

The camera can be set to different resolutions.

1. Press MENU to set proper resolution.
Resolution: VGA (640 x 480) , 1.3M (1280 x 960) 3.1M (2048 x 1536), 5M (2560 x 1920), 8M (3264 x 2448), 12M (4032 x 3024)
2. Six different resolutions will be displayed. Select the desired resolution by using the ▲ or ▼ buttons and then press the shutter button to confirm the selection.

5.5 Taking photographs

1. Turn on the camera by pressing the ON/OFF button.
2. Press MODE to set the camera to photo mode (A).
3. Depending on the distance to the object being photographed, use Macro switch to adjust the distance. Select the flower symbol (🌸) if you wish to take a close-up photograph (11cm –18cm).
If you wish to take photograph of surroundings or people (0.5m - infinity), set the Macro switch to Normal mode (🏞️).
4. If you are not sure if there is enough lighting, turn the automatic flash (🔦) on by pressing the flash button. (If the battery power is too low, the flash won't be activated).
5. Use the LCD screen to aim the object you wish to photograph.
6. Press Shutter button and hold the camera steadily for 2 to 3 sec, until the LCD display turn on again.

Caution: *1) Taking picture for fast-moving object is not recommended.
2) Image may be distorted when taking picture in a moving vehicle.*

5.6 Zoom in and out

The camera can zoom in up to 8 times.

1. Zoom in by pressing the ▲ or ▼ button, a number will appear on the display. 8.0 is the maximum zoom.
2. You can zoom in by pressing the UP or DOWN button.

5.7 Taking photographs using self-timer function

You can use the self-timer function when you wish to take a photograph for yourself or when you wish to photograph for an object where the camera must be as still as possible, for example on the stand.

1. Set the camera to photo mode.
2. Press the MENU button. The quick menu will appear.
3. Press ▼ to self-timer mode, press shutter and ▲ or ▼ to set the delay time: 2seconds / 10 seconds / 10+2seconds or off.
4. Press the shutter button to confirm. The self-timer function is now ready for use.
5. Aim at the object you wish to photograph.
6. Press the SHUTTER button to take a photograph.
7. The self-timer indicator LED in the front will blink.
8. The photograph will be taken after the timer reaches the delay time that you pre-set, and the camera will beep once.

5.8 Recording video clips

1. Press the MODE button to select.
2. Press the SHUTTER button to start recording video, press the SHUTTER button again to stop recording. The video clip will now be saved as an AVI file in the camera memory.
3. Press MENU to set proper resolution, EV and WB, and press OK to confirm.

5.9 Recording voice

1. Press MODE button to select the voice recording mode,
2. Press SHUTTER to start voice recording and press it again to stop.

5.10 Playback photographs

1. Press MODE button, press ◀or ▶ to select the video photo.
2. Press ▲,photo will zoom in; press ▼ ,photo will zoom out
3. Press ▲, ▼,◀or ▶ to shift the image.
4. Press MENU to select SLIDE SHOW, and then press shutter to confirm. The pictures saved in your camera or your SD card will be displayed in sequence automatically.

5.11 Playback video clips

1. When video clips are displayed, press ▲ to play, and press ▼ key to stop.
2. Press ▲ to pause the playback
3. Press MODE key to exit.

5.12 Delete photographs and video clips

You can choose to delete a single photograph / video clip, or delete all the photographs / video clips in the memory.

5.12.1 Delete photograph

Follow the instructions given below to delete photograph.

1. Press MODE key to enter the playback mode.
2. Press the MENU button and select Delete One/Delete All, press OK to confirm.
3. If you select Protect picture, your current file or images can not be deleted.
4. Press MENU to exit.

NOTE: *Select 'Deleting All' and Press OK to confirm, all the pictures will be deleted.*

6. Installing the camera driver

The driver in the CD has to be installed, under following applications:

For Windows 2000, Windows XP and Windows Vista: For using as a PC cam only. (Download picture /video is driver free)

6.1 Uninstalling old drivers and devices

There is a chance for a conflict between the new driver and an existing driver in the computer. In that case, it is better to remove those drivers before installing the new driver.

1. Enter Windows 'Safe Mode' (press F8 when starting Windows and then select 'Safe Mode' from the menu which will be displayed).
2. Click on 'Start – Settings – Control Panel' and double-click on 'Add/Remove Programs' icon.
3. Find all the programs for similar, old devices and remove these by clicking on the 'Add/Remove' button. When in 'Safe Mode', it is possible for some programs to appear twice. In that case, remove all the programs which appear twice.
4. Restart the computer.

6.2 Installing the driver for Windows 2000 /Windows XP / Windows Vista

Note: *Make sure all other programs are closed during the installation process.*

Note: *During installation for Windows XP/Vista, you may receive a message saying that the driver has not been signed. This does not cause a problem for the functionality of the program. Please click "Yes" to continue.*

Note: *For example, 'D: \' is used to indicate the CD-ROM drive. This may be different for your computer.*

1. Insert the CD-ROM into your computer's CD-ROM drive. The installation program will start automatically. If it does not start automatically, please do the following:
a) Select 'Run' from Windows Start menu.
b) Type [D:\SETUP.EXE] and click on 'OK' to start the Software Installer.
2. The Software Installer will appear.
3. Select the language you wish to use for the installation.
4. Click on 'Install driver' to start the installation of the camera driver.
5. Follow the on-screen instructions.

6.3 Connecting the camera

The camera can be connected to the computer in two different modes: Mass Storage Device, or as a PC camera for video conferencing on the Internet.

6.3.1 Connecting as a mass storage device

1. Turn the camera on by pressing the ON/OFF button.
2. Press MENU button and press RIGHT key to select the Setup setting.
3. Press ▼ button to set USB connection.
4. Press▲ or ▼ button to choose the Disk Drive mode.
5. Press OK to confirm.
6. Connect the camera to the computer.
7. Windows will automatically detect the camera. You can use this camera as a removable disk.

6.3.2 Connecting as a PC camera

When you connect the camera as a PC camera, you can use the camera as a web cam for video conferencing on the Internet by using Windows NetMeeting or Windows Messenger.

(You must install the driver before connecting the Digital Camera to your computer.)

1. Turn the camera on by pressing the ON/OFF button.
2. Press MENU button and press RIGHT key to select the Setup setting.
3. Press▼ button to chook USB connection.
4. Press▲ or ▼ button to choose the PC camera mode.
5. Press OK to confirm.
6. Connect the camera to the computer.
7. Windows will automatically detect the camera. You can use this camera as a web camera.

7. Trouble shooting

Problem	Cause	Solution
Cannot turn on the camera by pressing the "power" button.	Low battery power. Battery placed at wrong polarities.	Replace or install the battery correctly.
Photos can not be saved when taking pictures.	The memory card or built-in memory hasn't been formatted properly.	Format the memory in SETUP mode of the camera. Please refer to section 5.3.
Cannot find removable disk after connecting the camera to the computer.	1. Connection failure. 2. The mode of the camera is not set to removable disk properly	1. Make sure all cable connections are secured and restart the computer if necessary. 2. Set the camera to removable disk mode, refer to section 6.3.1 (system setting, USB connection).
Flash does not work.	Battery Power is too low.	Replace with new ALKALINE battery.
The batteries used up very fast.	Use wrong type of battery.	Replace with new ALKALINE battery.
The photos are over exposure	Set the flash light to force mode 🔦 in bright environment.	Set the Flash light to Auto mode🔦.
The photos are blurry	1. The camera is not held steadily 2. The lens of camera is dirty	1. Hold the camera steadily until it beeps when taking photo. 2. Clean the lens with soft dry cloth.
Get a warning message: "Capture device was not detected" when trying to open PC cam.	1. Conflict with another camera or video device. 2. The mode of the camera is not set to PC cam mode properly.	1. Remove any other camera driver completely from your system. Sometimes you have to re-install your system. 2. Set the camera to PC cam mode, refer to section 6.3.2 (system setting, USB connection).
Cannot preview image in PC Camera mode.	"Preview" is not selected in option Menu in PC.	Click "preview" in the "option" menu to select it.



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